

18-DEC-2007 DGN File: L:\Standard Drawings\Imperial\2008\Approved\Drainage (DG)\DG04.dgn

PIPE MINIMUM COVER

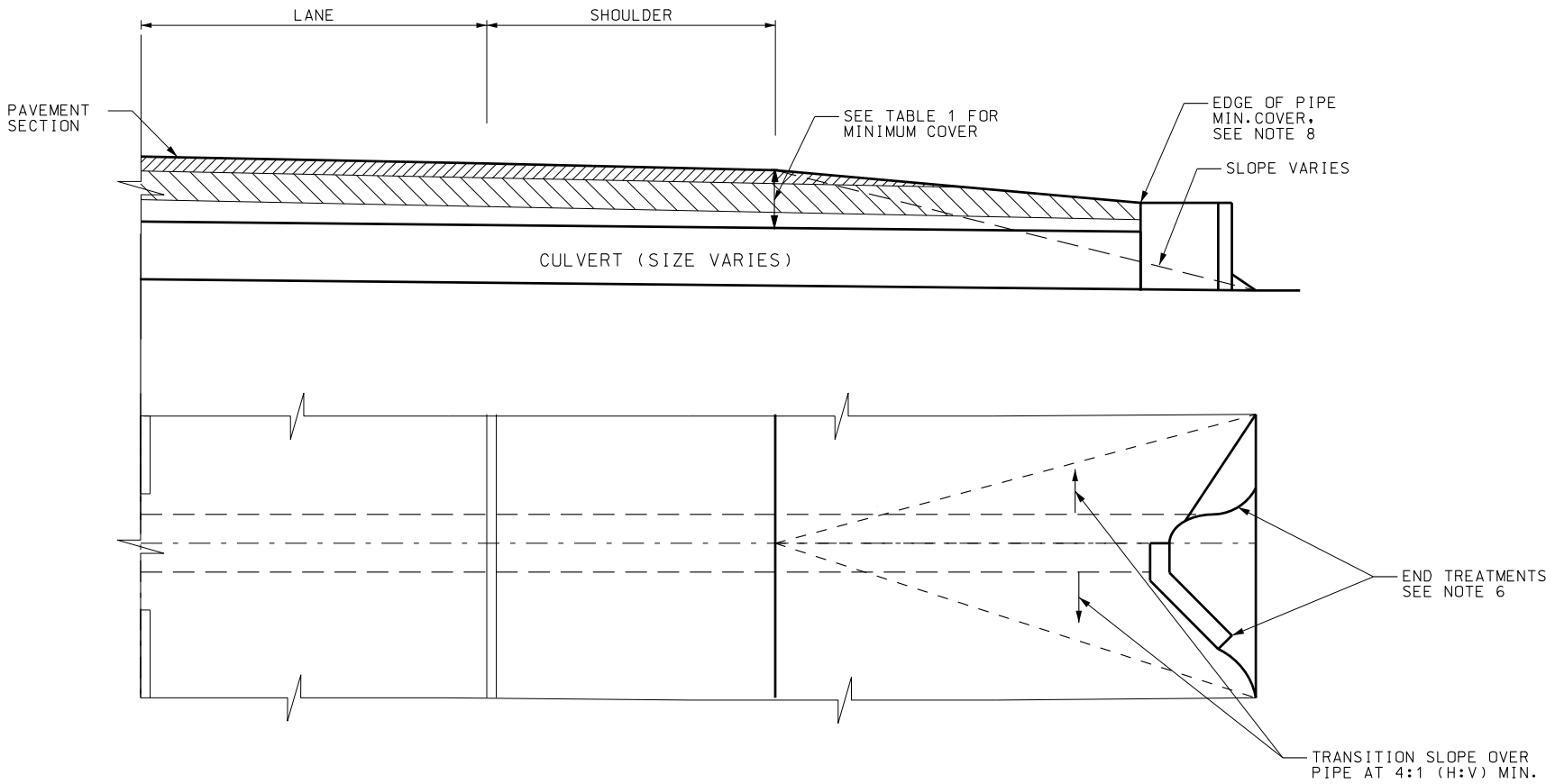


TABLE 1: MINIMUM COVER				
SURFACE TYPE	CORRUGATED METAL PIPES AND PIPE ARCHES	STRUCTURAL PLATE PIPES AND PIPE ARCHES	REINFORCED CONCRETE PIPES	PLASTIC PIPES (SEE NOTE 2 AND 3)
FLEXIBLE PAVEMENTS OR UNPAVED	THE GREATER OF 1/5 (DIA. OR SPAN) OR 2' MIN.	THE GREATER OF 1/8 (DIA. OR SPAN) OR 2' MIN.	1' - 6" MIN.	2' MIN.
RIGID PAVEMENTS	1/5 (DIA. OR SPAN) OR 1' - 6" MIN.	1/8 (DIA. OR SPAN) OR 1' - 6" MIN.	1' - 6" MIN.	2' MIN.

- NOTES:
- GRADE GROUND UNIFORMLY AROUND THE PIPE.
  - PLASTIC PIPE INCLUDES POLYETHYLENE AND POLYVINYL CHLORIDE.
  - THE MINIMUM COVER FOR HDPE PIPES OF DIAMETER LARGER THAN 48" IS HALF THE PIPE DIAMETER (D/2).
  - PROTECT PIPE DURING CONSTRUCTION.
  - ENGINEER REVIEWS AND APPROVES ANY VARIATION TO MINIMUM COVER.
  - PLACE HEADWALL ON ALL PIPE 36" DIA. AND ABOVE.
  - USE METAL END SECTION ON ALL FLEXIBLE PIPES BELOW 36" IN DIAMETER.
  - 1' MIN. COVER WITH HEAD WALL, OR 6" MIN. COVER 1' FROM EDGE OF END SECTION WHEN NO HEAD WALL IS REQUIRED.

NOTE: DRAWING NOT TO SCALE

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE COUNTY

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
APPROVED  
[Signature]  
JAN.01.2008  
DATE

DEPUTY DIRECTOR  
[Signature]  
JAN.01.2008  
DATE

PIPE MINIMUM COVER  
STANDARD DRAWING TITLE

STD DWG  
DG 4

REVISIONS  
NO. DATE APPR. REMARKS